

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

16102

21878

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey *Port Glasgow*
Date of Survey *White Building*
Name of Surveyor *James Craig*

STEFANOS COSTOMENIS

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<i>SS SANTA ROSALIA</i>	<i>London</i>	<i>132618</i>	<i>5409</i>	<i>1911</i>	<i>H100.A.1. LONGITUDINAL FRAMING.</i>
Number in Register Book					<i>(Contemplated)</i>

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>406.0</i>	<i>52.60</i>	<i>27.40</i>	<i>4969.98</i>
Length on	<i>405.83</i>	Frame Depth	Ceiling + .20	Peak
		Rule	Sheer 1.22	Tanks
			<i>CEILING FITTED</i>	
			<i>UNDER HATCHWAYS</i>	
			<i>OVER LIMBERS</i>	
	<i>405.83</i>	<i>52.24</i>	<i>29.12</i>	<i>4969.98</i>

Moulded Depth as measured..... *30.3*
31-3/4
3-7/8
27-7/8

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<i>405.83</i>	x
Length in Table	<i>363.00</i>	x
Difference	<i>42.83</i>	
Correction for 10ft., Table A.	<i>1.5</i>	Table C.
x Difference divided by 10	<i>6.42</i>	(if required.)
If 1/10ths length covered divide by 2	<i>3.21</i>	<i>3.42 = say + 3 1/2</i>

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	<i>4965</i>
Thickness of usual wood deck, less stringer	<i>3.56 x 4965 = 1.77</i>
	<i>Correction 3 1/2</i>

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<i>50.2 1/2</i>
Round of Beam	<i>12 1/4</i>
Normal round.....	<i>12 1/2</i>
Difference	<i>1/4</i>
Proportion of Deck uncovered (Para. 19)	<i>1/2</i>

NOTE.—The round of beam should be reported on the full breadth of vessel at the gunwale.

of fineness..... *80*
ation necessary } *02*
(a) to (e)]* }
as corrected *78 x*

128 } *191 ÷ 2 = 95.5* Mean
post *63*
the length from { Stem *69*
Sternpost *35* } *104 ÷ 2 = 52* Mean
Sheer *94.54* *950* *÷ 50 = 94.54*
an Sheer [Table, Para. 18] *50.58* Correction
Difference..... *43.96*
as Para. 18 (f)..... *44.42 ÷ 4 = 11.10*
1099 *11"*

At front of bridge house.....
At after end of forecastle
÷ 2 =
Correction

ALLOWANCE FOR DECK ERECTIONS:—

Table C.....	<i>4-6 3/4</i>
or Length, if required (Para. 12, 13, and 14)	<i>+ 3 1/2</i>
Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<i>4-9 3/4</i>
.....	<i>4-4 3/4</i>
below.....	<i>2-6 1/2</i>
	<i>31.55%</i>

R. Q. Dk. if engine and boiler openings not by bridge house (Para. 11)
Deck Erections *9.68 say - 9 3/4*

Length.	Length allowed.	Height.
<i>45.2</i>	<i>45.2</i>	<i>8-0</i>
<i>120.33</i>	<i>120.33</i>	<i>8-0</i>
<i>36.00</i>	<i>36.00</i>	<i>8-0</i>
	<i>201.53</i>	<i>4965</i>
	<i>405.83</i>	

percentage } *31.55%*
ra. 11, 12, 13, or 14)

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

Fresh Water Line	above centre of Disc	...
Indian Summer Line	"	...
Winter Line	below	...
Winter North Atlantic Line	"	...

If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and sternpost.

Winter Freeboard	<i>6-4 3/4</i>
Summer Freeboard	<i>5-11 1/4</i>
Indian Summer Freeboard	<i>5x-5 3/4</i>
N.A. Winter Freeboard	

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side. *+ 2 1/4*

Winter Freeboard from deck line	<i>6-6 1/2</i>
Summer " " "	<i>6-1 1/2</i>
Indian Summer " " "	<i>5x-4 1/2</i>
N.A. Winter " " "	

Amended Tables March 1906

State dimensions of freeing port area on back of this form.
The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

The approved midship section and a forward segment from the above vessel, London, 29/9/11.
RECEIVED OCT 1911

Do all the Frames extend to the top height in the Poop? Raised Quarter Deck? Bridge House Forecastle?

To what height do the Reverse Frames extend?

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

Is the Poop or Raised Quarter Deck connected with the Bridge House?

Give particulars of the means for closing the openings in Bulkhead

What is the thickness of the Bridge Front plating?

Give scantlings and spacing of the Stiffeners

Are bracket plates fitted at each end of the Stiffeners?

Has the Bridge House an efficient Iron Bulkhead at the after end?

How are the openings closed?

Is the Forecastle at least as high as the main or top-gallant rail?

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse?

If the openings are not so protected are the exposed parts of the Casings efficiently constructed?

Give thickness of plating; scantlings and spacing of Stiffeners

What is the height of the exposed Casings?

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:—

Position and Size.		No. 1. 24-0 x 16-1 x 30"		No. 2. 36-0 x 16-0 x 30"		No. 3. 36-0 x 16-0 x 30"		No. 4. 30-0 x 16-0 x 30"			
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30"	24"	30"	24"	30"	24"	30"	24"		
	Thickness { Sides.....	44	44	54	54	54	54	50	50		
	Ends.....	40	40	40	40	40	40	40	40		
SHIFTING BEAMS OR WEB PLATES.	Number	4	4	6	6	6	6	5	5		
	Section and Scantlings	40	40	40	40	40	40	40	40		
	Material	Top angles 3x3x4 double		Bottom Bd. 8x3 1/2 x 6 single	50		50		50		
* FORE AND AFTERS.	Number										
	Section and Scantlings										
	Material										
HATCHES Thickness		3	3	3	3	3	3	3	3		
Remarks.....											

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? Strake between Main and Bridge Sheerstrakes?

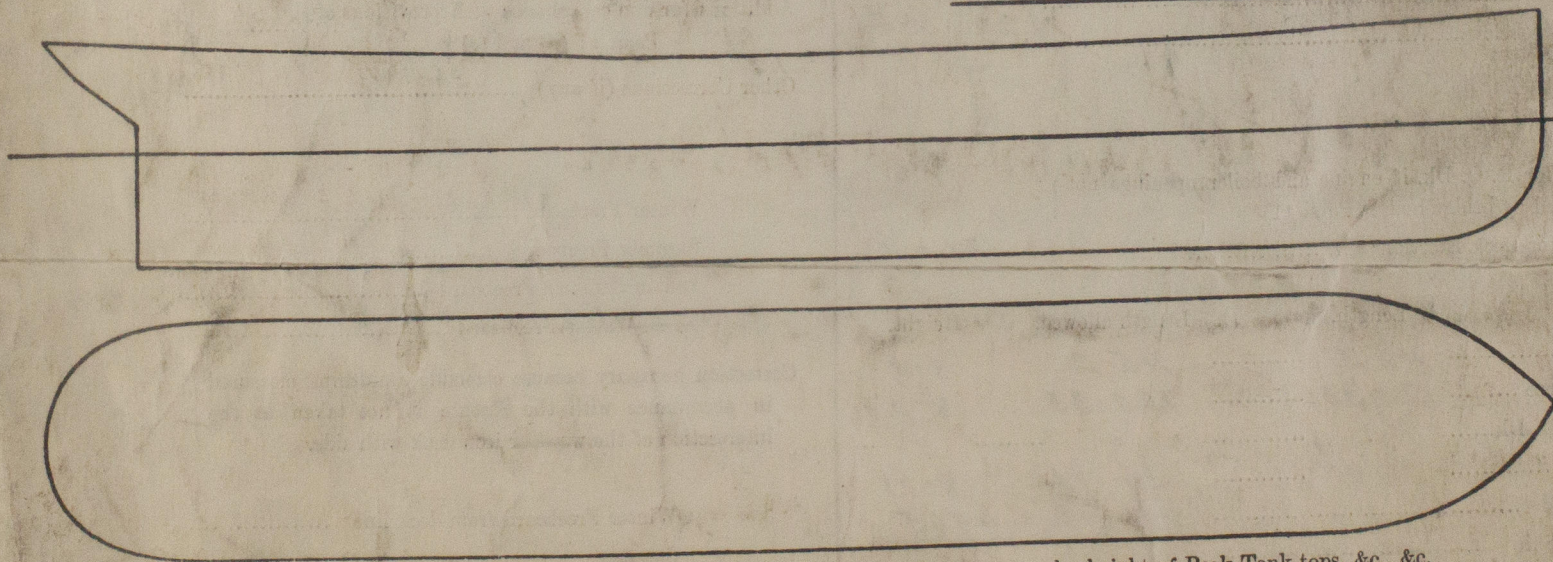
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

Area of Freeing Ports required by Para. 11 (e) each side of vessel = Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = Sq. ft.

Total deficiency or excess = Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel

Owners

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